IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A reader/writer antenna which is used ~~for an RFID~~ with a Radio Frequency Identification (RFID) system for non-contacting data communication ~~wherein~~ comprising:

a ~~plain~~ soft magnetic member [[is]] configured to be disposed on a surface;

~~for disposing an object of the~~ an antenna coil which is formed by at least one turn and disposed on the soft magnetic member; and

a conductive member disposed on said soft magnetic member on an opposite side of a placement of the antenna coil.

Claim 2 (Currently Amended): A reader/writer antenna according to claim 1 wherein the antenna coil is wound in ~~which is used for an RFID system for non-contacting data communication wherein a plain soft magnetic member is disposed on a surface for disposing an object of the antenna coil which is formed by winding the plain soft magnetic member in~~ a spiral manner.

Claim 3 (Currently Amended): A reader/writer antenna according to Claim 1 [[or 2]] wherein: the soft magnetic member is formed ~~so as~~ to ~~overlap~~ contact a part of an antenna coil surface defined planarly by the one turn of the antenna coil ~~in an orthogonal view toward an antenna surface of the antenna coil; and~~ so that a magnetic flux which is generated by the antenna coil is formed asymmetrically with reference to a center axis of the antenna coil.

Claim 4 (Currently Amended): A reader/writer antenna which is used ~~for an RFID~~ with a Radio Frequency Identification (RFID) system for non-contacting data communication ~~wherein the~~ comprising:

an antenna coil [[is]] formed such that a top surface and a ~~back~~ bottom surface of [[the]] a ~~plain~~ plate ~~is wound around a~~ magnetic core ~~which~~ has the antenna coil wound around top and bottom surfaces of the core, wherein said core is formed by a soft magnetic member.

Claim 5 (Currently Amended): A reader/writer antenna which is used ~~for an RFID~~ with a Radio Frequency Identification (RFID) system for non-contacting data communication ~~wherein the~~ comprising:

an antenna coil [[is]] formed such that a circumferential surface of a column formed by the antenna coil is wound around a columnar magnetic core which is formed by a soft magnetic member.

Claim 6 (Currently Amended): A reader/writer antenna according to Claim 4 or 5 wherein [[a]] the soft magnetic ~~plain~~ member is a plate [[is]] configured to be disposed on a surface for disposing an object for the antenna coil.

Claim 7 (Currently Amended): A reader/writer antenna according to any one of Claims [[1 to 6]] 4 or 5 wherein a thickness of [[a]] the soft magnetic member or a thickness of ~~a plain~~ the plate magnetic core is set to be 10 mm or thinner.

Claim 8 (Currently Amended): ~~A reader/writer antenna according to Claim 1~~ A reader/writer antenna which is used with a Radio Frequency Identification (RFID) system for non-contacting data communication comprising:

a soft magnetic member configured to be disposed on a surface;

an antenna coil which is formed by at least one turn and is disposed on the soft magnetic member;

wherein a thickness [[T]] t for [[a]] the soft magnetic member or a magnetic core for ~~the plain~~ forming a plate satisfies a relationship $S/L > t > S/(L/\mu)$ under condition that S indicates an area for the antenna coil, L indicates a circumferential length of the antenna coil, and μ indicates a magnetic transmittance ratio of the soft magnetic member or the magnetic core.

Claim 9 (Currently Amended): A reader/writer antenna according to Claim 1 wherein the soft magnetic member is a compound of either a metal ~~power~~ powder, a flake or a ferrite ~~power~~ powder, which are formed by flattening a metal powder.

Claim 10 (Currently Amended): A reader/writer antenna ~~according to Claim 9~~ which is used with a Radio Frequency Identification (RFID) system for non-contacting data communication comprising:

a soft magnetic member configured to be disposed on a surface;

an antenna coil which is formed by at least one turn and disposed on the soft magnetic member;

wherein the soft magnetic member is a compound of either a metal powder, a flake or a ferrite powder, which are formed by flattening a metal powder;

wherein the metal ~~power~~ powder is either one of a carbonyl iron powder, a reduced iron powder, an atomized ~~power~~ powder, or an amorphous powder.

Claim 11 (Currently Amended): A reader/writer antenna ~~according to Claim 9~~ which is used with a Radio Frequency Identification (RFID) system for non-contacting data communication comprising:

a soft magnetic member configured to be disposed on a surface;

an antenna coil which is formed by at least one turn and disposed on the soft magnetic member;

wherein the soft magnetic member is a compound of either a metal powder, a flake or a ferrite powder, which are formed by flattening a metal powder;

wherein the metal ~~power~~ powder or the flake is a flake which is made by flattening a water-atomized iron base alloy or an iron base alloy ~~power~~ powder mechanically.

Claim 12 (Original): A reader/writer antenna according to Claim 11 wherein the iron base alloy contains 6 w% to 15 w% of silicon.

Claim 13 (Original): A reader/writer antenna according to Claim 11 wherein the iron base alloy contains at least approximately 1 w% of aluminum or lower, approximately 3 w% of nickel or copper lower, approximately 5 w% of chromium or lower, approximately 10 w% of cobalt or lower in addition to approximately 6 w% to 15 w% of silicon.

Claim 14 (Currently Amended): A reader/writer antenna ~~according to Claim 9~~ which is used with a Radio Frequency Identification (RFID) system for non-contacting data communication comprising:

a soft magnetic member configured to be disposed on a surface;

an antenna coil which is formed by at least one turn and disposed on the soft magnetic member;

wherein the soft magnetic member is a compound of either a metal powder, a flake or a ferrite powder, which are formed by flattening a metal powder;

wherein the compound is an injection molded member, a compressed molded member, a rolled stripped member, or a member to which a painting member is applied.

Claim 15 (Currently Amended): The soft magnetic member according to any of Claims 1-5 is either one of an amorphous alloy, a permalloy, a magnetic steel, a silicon steel, a sendust alloy, a Fe-AL alloy, or a soft magnetic ferrite.

Claim 16 (Currently Amended): A reader/writer antenna according to Claim 1 wherein the soft magnetic member is an amorphous film or a layered member of [[the]] an amorphous film.

Claim 17 (Currently Amended): ~~A reader/writer antenna according to Claim 1~~ A reader/writer antenna which is used with a Radio Frequency Identification (RFID) system for non-contacting data communication comprising:

a soft magnetic member configured to be disposed on a surface of an object;

an antenna coil which is formed by at least one turn and is disposed on the soft magnetic member;

wherein a non-magnetic conductive member of which initial resistance is approximately 10×10^{-8} Ωm or lower or a conductive member of which initial resistance is

approximately 3×10^{-8} Ωm is configured to be disposed between the soft magnetic member and the object.

Claim 18 (Currently Amended): ~~A reader/writer antenna according to Claim 1~~ A reader/writer antenna which is used with a Radio Frequency Identification (RFID) system for non-contacting data communication comprising:

a soft magnetic member configured to be disposed on a surface of an object;

an antenna coil which is formed by at least one turn and is disposed on the soft magnetic member;

wherein a non-magnetic conductive member which has a 0.015 Ω resistance which is more preferably 0.005 Ω or lower with 1 cm length, 1 cm width is configured to be disposed between the soft magnetic member and the object.

Claim 19 (Currently Amended): A reader/writer antenna according to Claim 1 wherein [[the]] an object with said reader/writer antenna affixed thereon is a metal member or a member which contains a metal member.

Claim 20 (Currently Amended): A reader/writer wherein the reader/writer antenna according to any one of Claims ~~1 to 19~~ 1-5, 8-14, and 16-19 is configured to be disposed so as to contact a casing which is formed by a non-magnetic member which has an initial resistance of approximately 10×10 Ωm or lower.

Claim 21 (Currently Amended): A reader/writer antenna ~~according to Claim 2 wherein the~~ which is used with a Radio Frequency Identification (RFID) system for non-contacting data communication comprising:

a soft magnetic member configured to be disposed on a surface;

an antenna coil which is formed by at least one turn and disposed on the soft magnetic member;

wherein the antenna coil is wound in a spiral manner, and said antenna is configured to be disposed so as to contact a casing [[is]] made of a conductive member which has 0.015 Ω, more preferably 0.005 Ω or lower resistance.